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=> s GFR.alpha.3

L1 15 GFR.ALPHA.3

=> s l1 or artemin

L2 74 L1 OR ARTEMIN

=> s l1 (12a) human

L3 1 L1 (12A) HUMAN

=> d

L3 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:74467 BIOSIS  
DN PREV199900074467  
TI Binding of GDNF and neurturin to human GFRalpha-3; comparison of  
cell-based and cell-free assay systems.  
AU Cik, M.; Lesage, S.; Van Der Linden, I.; Masure, S.; Van Gompel, P.;  
Pangalos, M. N.; Gordon, R.; Leysen, J. E.  
CS Janssen Res. Foundation, Turnhoutseweg 30, 2340 Beerse Belgium  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1544.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2  
Los Angeles, California, USA November 7-12, 1998  
ISSN: 0190-5295.  
DT Conference  
LA English

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DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS'  
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L4 14 DUPLICATE REMOVE L1 (1 DUPLICATE REMOVED)

=> d 1-14

L4 ANSWER 1 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 2000:187610 BIOSIS  
DN PREV200000187610

TI Neurturin, RET, GFRalpha-1 and GFRalpha-2, but not GFRalpha-3, mRNA are expressed in mice ganglia.  
 AU Widenfalk, Johan (1); Parvinen, Martti; Lindqvist, Eva; Olson, Lars  
 CS (1) Department of Neuroscience, Karolinska Institutet, Berzelius vag 3, S-171 77, Stockholm Sweden  
 SO Cell & Tissue Research, (March, 2000) Vol. 299, No. 3, pp. 409-415. ISSN: 0302-766X.  
 DT Article  
 LA English  
 SL English

L4 ANSWER 2 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
 AN 1999:318063 BIOSIS  
 DN PREV199900318063  
 TI GDNF, RET and GFRalpha-1-3 mRNA expression in the developing human spinal cord and ganglia.  
 AU Widenfalk, Johan; Widmer, Hans R.; Spenger, Christian (1)  
 CS (1) Department of Neuroscience, Karolinska Institute, S-171 77, Stockholm Sweden  
 SO Neuroreport, (May 14, 1999) Vol. 10, No. 7, pp. 1433-1439. ISSN: 0959-4965.  
 DT Article  
 LA English  
 SL English

L4 ANSWER 3 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
 AN 1999:450454 BIOSIS  
 DN PREV199900450454  
 TI GFRalpha3, a component of the artemin receptor, is required for migration and survival of the superior cervical ganglion.  
 AU Nishino, Jinsuke; Mochida, Kyoko; Ohfuji, Yasuhisa; Shimazaki, Takuya; Meno, Chikara; Ohishi, Sachiko; Matsuda, Yoichi; Fujii, Hideta; Saijoh, Yukio; Hamada, Hiroshi (1)  
 CS (1) Division of Molecular Biology, Institute for Molecular and Cellular Biology, Osaka University, Osaka, 565-0871 Japan  
 SO Neuron, (Aug., 1999) Vol. 23, No. 4, pp. 725-736. ISSN: 0896-6273.  
 DT Article  
 LA English  
 SL English

L4 ANSWER 4 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
 AN 1998:266585 BIOSIS  
 DN PREV199800266585  
 TI GFRalpha3 is an orphan member of the GDNF/neurturin/persephin receptor family.  
 AU Baloh, Robert H.; Gordinsky, Alexander; Golden, Judith P.; Tansey, Malu G.; Keck, Catherine L.; Popescu, Nicholas C.; Johnson, Eugene M., Jr.; Milbrandt, Jeffrey (1)  
 CS (1) Dep. Pathol., Washington Univ. Sch. Med. 660 South Euclid Ave., Box 8118, St. Louis, MO 63110 USA  
 SO Proceedings of the National Academy of Sciences of the United States of America, (May 12, 1998) Vol. 95, No. 10, pp. 5801-5806. ISSN: 0027-8424.  
 DT Article  
 LA English

L4 ANSWER 5 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
 AN 1999:74272 BIOSIS  
 DN PREV199900074272  
 TI RET, GFRalpha-1, 2 and 3 expression within sensory neurons innervating different targets and the response to nerve injury.  
 AU Bennett, D. L. H. (1); Boucher, T. (1); Armanini, M. P.; Phillips, H. S.; McMahon, S. B. (1); Sheldon, D. L.  
 CS (1) Dep. Physiol., UMDS, London UK

SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1545.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2  
Los Angeles, California, USA November 7-12, 1998  
ISSN: 0190-5295.  
DT Conference  
LA English

L4 ANSWER 6 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:80376 BIOSIS  
DN PREV199900080376  
TI Expression analysis of GFRalpha-3, a glial cell line-derived neurotrophic  
factor family receptor, and an attempt to isolate its ligand(s).  
AU Nomoto, S.; Ito, S.; Adachi, K.; Yang, L.-X.; Kiuchi, K.  
CS Lab. Genes Motor Syst., Bio-Mimetic Control Res. Program, RIKEN, Nagoya,  
Aichi 463 0003 Japan  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1544.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2  
Los Angeles, California, USA November 7-12, 1998  
ISSN: 0190-5295.  
DT Conference  
LA English

L4 ANSWER 7 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:74467 BIOSIS  
DN PREV199900074467  
TI Binding of GDNF and neurturin to human GFRalpha-3; comparison of  
cell-based and cell-free assay systems.  
AU Cik, M.; Lesage, S.; Van Der Linden, I.; Masure, S.; Van Gompel, P.;  
Pangalos, M. N.; Gordon, R.; Leysen, J. E.  
CS Janssen Res. Foundation, Turnhoutseweg 30, 2340 Beerse Belgium  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1544.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2  
Los Angeles, California, USA November 7-12, 1998  
ISSN: 0190-5295.  
DT Conference  
LA English

L4 ANSWER 8 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:80377 BIOSIS  
DN PREV199900080377  
TI Expression and regulation of GFRalpha3, a novel GDNF receptor family  
member present in the surviving neurons of the GDNF mutant mice.  
AU Baudet, C. (1); Naveilhan, P. (1); Mikaelis, A. (1); Meister, B.; Shen,  
L.;  
Westphal, H.; Ernfors, Patrik (1)  
CS (1) Dep. Mol. Neurobiol., Karolinska Inst., S171 77 Stockholm Sweden  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1544.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2  
Los Angeles, California, USA November 7-12, 1998  
ISSN: 0190-5295.  
DT Conference  
LA English

L4 ANSWER 9 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:66479 BIOSIS  
DN PREV199900066479  
TI Artemin, a novel member of the GDNF ligand family, supports peripheral  
and  
central neurons and signals through the GFRalpha3-RET receptor complex.  
AU Baloh, Robert H.; Tansey, Malu G.; Lampe, Patricia A.; Fahrner, Timothy  
J.; Enomoto, Hideki; Simburger, Kelli S.; Leitner, Melanie L.; Araki,

Toshiyuki; Johnson, Eugene M., Jr.; Milbrandt, Jeffrey (1)  
CS (1) Dep. Pathol., Washington Univ. Sch. Med., St. Louis MO 63110 USA  
SO Neuron, (Dec., 1998) Vol. 21, No. 6, pp. 1291-1302.  
ISSN: 0896-6273.  
DT Article  
LA English

L4 ANSWER 10 OF 14 MEDLINE  
AN 1998421156 MEDLINE  
DN 98421156  
TI GFR alpha-4 and the tyrosine kinase Ret form a functional receptor complex for persephin.  
AU Enokido Y; de Sauvage F; Hongo J A; Ninkina N; Rosenthal A; Buchman V L; Davies A M  
CS School of Biomedical Sciences, University of St. Andrews, Scotland.  
SO CURRENT BIOLOGY, (1998 Sep 10) 8 (18) 1019-22.  
Journal code: B44. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199902

L4 ANSWER 11 OF 14 MEDLINE  
AN 1998205811 MEDLINE  
DN 98205811  
TI Molecular cloning and expression analysis of GFR alpha-3, a novel cDNA related to GDNFR alpha and NTNFR alpha.  
AU Nomoto S; Ito S; Yang L X; Kiuchi K  
CS Laboratory for Genes of Motor Systems, RIKEN, Nagoya, Japan.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1998 Mar 27) 244 (3) 849-53.  
Journal code: 9Y8. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Cancer Journals  
OS GENBANK-AB008833  
EM 199807

L4 ANSWER 12 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1998:528225 BIOSIS  
DN PREV199800528225  
TI Expression analysis of GFRalpha-3, a glial cell line-derived neurotrophic factor family receptor.  
AU Nomoto, Satoshi; Ito, Sachiko; Adachi, Kayo; Yang, Li-Xia; Kiuchi, Kazutoshi  
CS Lab. Genes Motor Syst., Bio-Mimetic Control Res. Program, RIKEN, Nagoya, Aichi 4630003 Japan  
SO Neuroscience Research Supplement, (1998) No. 22, pp. S309.  
Meeting Info.: 21st Annual Meeting of the Japan Neuroscience Society and the First Joint Meeting of the Japan Neuroscience Society and the Japanese Society for Neurochemistry Tokyo, Japan September 21-23, 1998 Japan Neuroscience Society  
. ISSN: 0921-8696.  
DT Conference  
LA English

L4 ANSWER 13 OF 14 MEDLINE  
AN 1998271460 MEDLINE  
DN 98271460  
TI Multiple GPI-anchored receptors control GDNF-dependent and independent

DUPLICATE 1

activation of the c-Fos receptor tyrosine kinase.  
AU Trupp M; Raynoschek; Belluardo N; Ibanez C F  
CS Department of Neuroscience, Karolinska Institute, Stockholm, Sweden.  
SO MOLECULAR AND CELLULAR NEUROSCIENCES, (1998 May) 11 (1-2) 47-63.  
Journal code: B1D. ISSN: 1044-7431.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF005226; GENBANK-AF020305  
EM 199810

L4 ANSWER 14 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1998:71328 BIOSIS  
DN PREV199800071328  
TI GFRalpha-2 and GFRalpha-3 are two new receptors for ligands of the GDNF family.  
AU Jing, Shuqian (1); Yu, Yanbin; Fang, Mei; Hu, Zheng; Holst, Paige L.; Boone, Thomas; Delaney, John; Schultz, Henry; Zhou, Renping; Fox, Gary M.  
CS (1) Dep. Mol. Genomics, Amgen Inc., Thousand Oaks, CA 91320-1789 USA  
SO Journal of Biological Chemistry, (Dec. 26, 1997) Vol. 272, No. 52, pp. 33111-33117.  
ISSN: 0021-9258.  
DT Article  
LA English